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**Customer Service:** 1 (718) 793-7490  
**Fax Number:** 1 (718) 793-6831  
**Visit us at:** [www.imperialdental.net](http://www.imperialdental.net)

**Green Mounted Stones:** (Box of 12pcs or 100pcs) #101

Excellent for porcelain, gold, silver alloys, amalgam and composites



**Mounted Stones:** **Pink** **White** **Red** (Box of 100pcs) #102

	WHEEL	TAPER	FLAME	SM. BARREL	INVERTED CONE	LG. BARREL
<b>PINK</b>	P011	P020	P030	P039	P042	P059
<b>WHITE</b>	W011	W020	W030	W039	W042	W059
<b>RED</b>	C011	C020	C030	C039	C042	C059

**Pink** stones for precious ceramic alloys

**White** stones for non-precious metals

**Red** (Coral) stones for chrome cobalt alloys and non-precious metal.

**Unmounted Wheels:** **Green** **Pink** **Red** **White** (Box of 100pcs) #103

<b>Green</b>	G301	G302	G303
<b>Pink</b>	-	P302	P303
<b>Red</b>	-	C302	C303
<b>White</b>	-	W302	W303

**Blue Mounted Points:** (Box of 100pcs) #104

For chrome cobalt alloys and non-precious metals.



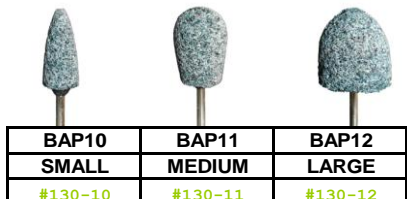
**Diamond Rubber  
Polishers:**

Diamond impregnated rubber wheel for super LUSTER for Porcelains and Metals



**Blue Abrasive Points:**

Coarse - Excellent for trimming and finishing acrylic dentures

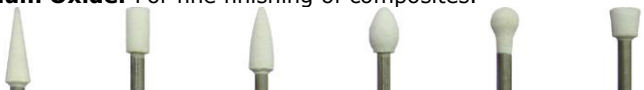


**Green Mounted Stone (FG & RA):** (Box of 12pcs) **#105**  
**Silicon Carbide** For Porcelain, Gold, Amalgam & Enamel



<b>FG</b>	FG:CN1	FG:CY1	FG:CY2	FG:FL2	FG:IC1	FG:TC1
<b>RA</b>	RG:CN1	RG:CY1	RG:CY2	RG:FL2	RG:IC1	RG:TC1

**White Mounted Stone (FG & RA):** (Box of 12pcs) **#106**  
**Aluminum Oxide.** For fine finishing of composites.



<b>FG</b>	FW:CN1	FW:CY1	FW:FL2	FW:FL3A	FW:RD1	FW:IC1
<b>RA</b>	RW:CN1	RW:CY1	RW:FL2	RW:FL3A	RW:RD1	RW:IC1

**Ultra Thin**  
 (1pack:25pcs)

**Very Thin**  
 (1pack:50pcs)

**Cut Off Disc**  
 (Box of 100pcs)





<b>22x0.2mm</b>	<b>22x0.3mm</b>	<b>22x0.6mm</b>	<b>22x3.0mm</b>	<b>25x0.7mm</b>
#107-2202	#107-2203	#107-2206	#107-2230	#107-2507

**Cut Off Discs, Pin Cutters & Roughing Discs:**  
**Aluminum Oxide** (Box of 100pcs)



<b>32x2.2mm</b>	<b>35x0.7mm</b>	<b>35x1.7mm</b>	<b>40x1.0mm</b>
#107-3222	#107-3507	#107-3517	#107-4010

**Heat-less Grinding Wheels:** (Box of 50pcs) **#108**

		<b>White Color (Aluminum Oxide)</b> Non-contaminating, use for porcelain or precious and semi-precious metal.		
	<b>SIZES</b>	#1-25x4.8mm	<b>WHITE</b> #108-W2548	<b>GRAY</b> #108-G2548
		#2-25x3.1mm	#108-W2531	#108-G2531
		#3-25x2.4mm	#108-W2524	#108-G2524
		#4-22x4.8mm	#108-W2248	#108-G2248
		#5-22x3.1mm	#108-W2231	#108-G2231
		#6-22x2.4mm	#108-W2224	#108-G2224
		<b>Gray Color (Silicon Carbide)</b> Rapid reduction, use for porcelain, acrylic, non-precious, semi-precious, precious alloys.		

### Rubber Diamond Impregnated: #220

Excellent for cutting, abrading, removing scratches and smoothen zirconia, porcelain, metals and hard materials.



RD-W1	RD-W2	RD-W3	RD-C4	RD-P5	RD-T6	RD-W7
COARSE	MEDIUM	X-FINE	MEDIUM	MEDIUM	MEDIUM	MEDIUM
WHEEL	WHEEL	WHEEL	CYLINDER	POINT	TAPER	WHEEL
12,000RPM	12,000RPM	12,000RPM	15,000RPM	15,000RPM	15,000RPM	10,000RPM
Ø 26x2mm	Ø 26x2mm	Ø 26x3mm	Ø 3x7mm	Ø 4x12mm	Ø 4x12mm	Ø 12x2mm

### Zirconia Abrasives: #222 Diamond Impregnated Green Stone

Superior abrasive ability to cut zirconia with ease and minimal pressure. Used for zirconia and all type of ceramic materials. (**Note:** Please follow allowable rpm)



CD-W10	CD-B20	CD-T30	CD-W40	CD-B50	CD-W60	CD-I70
MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM
WHEEL	BARREL	TAPER	WHEEL	BARREL	WHEEL	INV. CONE
10,000RPM	12,000RPM	15,000RPM	10,000RPM	12,000RPM	10,000RPM	10,000RPM
Ø 22x2mm	Ø 5x12mm	Ø 4x12mm	Ø 22x2mm	Ø 7x13mm	Ø 22x4mm	Ø 13x7mm

### Diamond Grinders: #225 (Coarse)

Diamond Grinders cuts cool with low surface temperature; is enormously aggressive in grinding efficiencies; does not tarnish the surface; is self-sharpening; and makes a very soft and smooth cut. These are used for ceramic, porcelain-bonding alloys, CoCr, titanium and gold.

**Max Speed:** 5,000rpm ~ 8,000rpm



DG-WD2	DG-KD2	DG-ID1	DG-DD1	DG-CD1	DG-KD1	DG-WD1
MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM
WHEEL	KNIFE	INVERTED	DISC	CYLINDER	KNIFE	WHEEL
Ø 22x2mm	Ø 5x12mm	Ø 4x12mm	Ø 22x2mm	Ø 7x13mm	Ø 22x4mm	Ø 13x7mm

### Zirconia Ceramic Disc: #150

Diamond Base Ultra-Thin Abrasive Discs  
**Size:** 0.20 x 22mm | **Box of:** 25pcs



### Silicon Acrylic Polishers: #230

Used for adjusting and polishing acrylic materials.



COLOR	GRIT	SHAPE	SIZE
GRAY	<b>COARSE</b>	ROUND	24 x 10mm
YELLOW	<b>FINE</b>	END TAPER	

### Rubber Points: #205

Long lasting mounted rubberized abrasive points for acrylic and metal.

(Box of 12pcs or 100pcs)

For all metals



RPR	RPR	RPR
SMALL	MEDIUM	LARGE

For porcelain, gold etc.



RPG	RPG	RPG
SMALL	MEDIUM	LARGE

## **Rubber Polishing Wheels: #202**

7/8" x 1/8" (22mm x 3mm) (Box of 100pcs)



1005	1007	1036	1037	1039	1075	1080
------	------	------	------	------	------	------

**1005-Gray, Fine (S.C.):** Finishing of all metals and porcelain.

**1007-Black, Coarse (S.C.):** Finishing all metals and very good for pre-polishing non-precious metals.

**1036-Green, Medium (S.C.):** All purpose for all metals.

**1037-White, Fine (A.O.):** Flexible & soft for all precious metals, non-contaminating.

**1039-Blue, Fine (S.C.):** For metals and porcelain.

**1075-Red, Fine (S.C.):** Hard for all metals and porcelain

**1080-Red, Fine (A.O.):** Flexible for pre-polishing. Minor adjustment at thermo-plastic denture and also for smooth surface acrylic.

## **Knife Edge Rubber Wheel:**

Size: 7/8" (22mm) Box of 100pcs **#203**



1027	1030	1038
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**1027 - Green, Medium (S.C.):** All purpose for metals

**1030 - Gray, Fine (S.C.):** Finishing and hi-shining of all metals.

**1038 - White (A.O.):** Flexible for precious metals.

## **Rubber Clasp Polisher Points: #204**

7/8" x 1/4" (22mm x 6.4mm) (Box of 100pcs)



1024	1028	1032	1035	1045	1070
------	------	------	------	------	------

**1024-Black, Coarse (S.C.):** Finishing all metals.

**1028-Gray, Fine (S.C.):** Hard for polishing metals and porcelains.

**1032-Brown, Regular (S.C.):** Hard for polishing metals.

**1035-Red, Fine (S.C.):** Flexible for precious metals.

**1045-Green, Medium (S.C.):** All purpose polishing all metals.






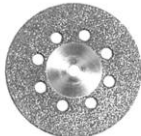




**1070-Blue, Fine (S.C.):** For metals and porcelain.

## **Silicon Rubber Polishers: #206**

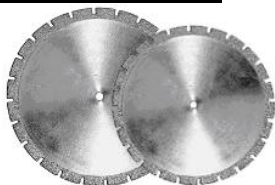
For pre-polishing porcelain and metals.

GRIT	WHEEL (22x3mm)	KNIFE EDGE (22mm)	CLASP (22x6.4mm)
COARSE White Reducing	206-WC 	206-KC 	206-CC 
MEDIUM Pink Smoothing	206-WM 	206-KM 	206-CM 
FINE Blue High Luster	206-WF 	206-KF 	206-CF 

## **BesQual Diamond Disk:**

				
<b>#109-01</b> Flex Single Sided 0.13x22mm <b>DIA #1</b>	<b>#109-02</b> Flex Double Sided 0.15x22mm <b>DIA #2</b>	<b>#109-03</b> Flex Double Sided 0.20x22mm <b>DIA #3</b>	<b>#109-04</b> Double Sided 0.25x22mm <b>DIA #4</b>	<b>#109-05</b> Double Sided 0.30x22mm <b>DIA #5</b>
				
<b>#109-06</b> Double Sided 0.30x22mm <b>DIA #6</b>	<b>#109-07</b> Flex Double Sided 0.17x22mm <b>DIA #7</b>	<b>#109-08</b> Flex Double Sided 0.17x22mm <b>DIA #8</b>	<b>#109-09</b> Flex Double Sided 0.17x22mm <b>DIA #9</b>	<b>#109-10</b> Flex Double Sided 0.27x22mm <b>DIA #10</b>

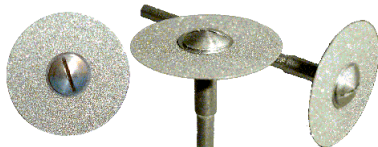
## **Model Preparation:**



### **Available Sizes:**

45mm x 0.17mm **#110-4517**  
 45mm x 0.27mm **#110-4527**  
 40mm x 0.20mm **#110-4020**  
 40mm x 0.30mm **#110-4030**

## **Sintered Diamond Disk:**



Use for separating and rough contouring Zirconia  
**Maximum Speed:** 10,000 rpm

### **Available Sizes:**

**DIA:S15** (ø19mm x 0.15mm) **#115-S15**  
**DIA:S25** (ø19mm x 0.25mm) **#115-S25**  
**DIA:S30** (ø19mm x 0.30mm) **#115-S30**

## **Diamond Dresser: #113-DIA**



Design for cleaning or reshaping diamond instruments, abrasive, polishers. Increases the life of abrasives & polishers by reshaping of rubber wheel, stone, points etc.

## **Cleaning Stone: #113-STN**



## **Sintered Diamond Burs: #301**

(HP Shank) All metals, chrome and cobalt

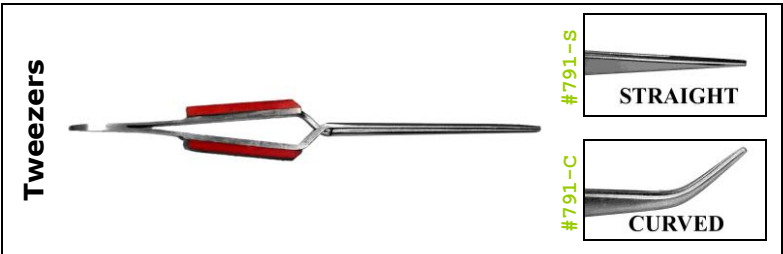
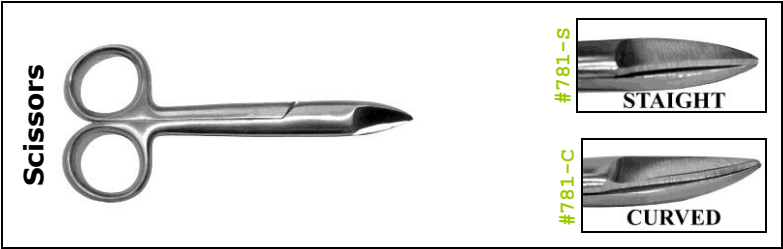
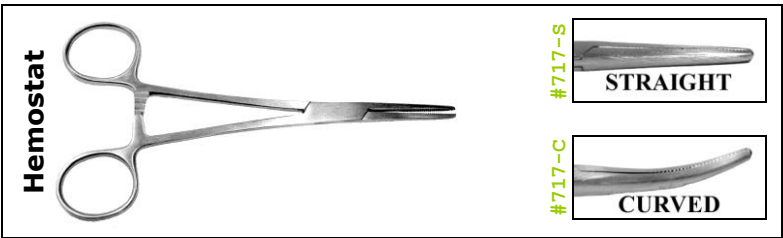
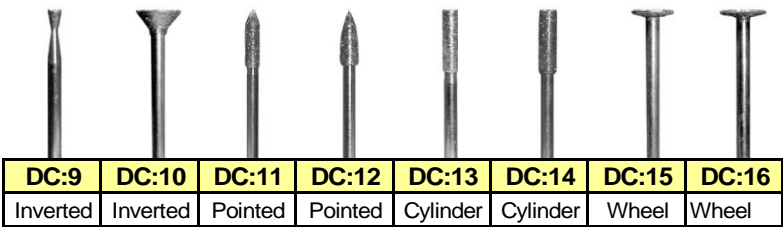
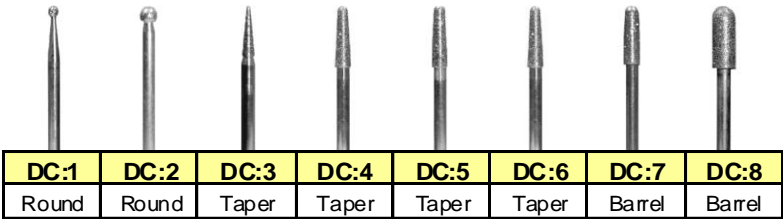


<b>SDN:1</b>	<b>SDN:2</b>	<b>SDN:3</b>	<b>SDN:4</b>	<b>SDN:5</b>	<b>SDN:6</b>	<b>SDN:7</b>
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- Designed for aggressive and fast grinding
- Faster grinding time for higher productivity
- Extremely durable, long lasting and economical

**Diamond Coated Burs:** (HP Shank) #311




















- Use for shaping, grinding and finishing.
- Great for filing ceramics, gold, platinum, silver, all metals.
- Excellent durability and economical










**Laboratory Carbide Burs: (HP Shank) #302**

Premium Quality, Long Lasting & Non-Clogging















						
84T	83E	82T	81A	73C	63B	53A
Taper	Cylinder	Cone	Flame	Inverted	Pointed	Pear
						
52D	52C	44C	88A	71G	31P	
Round	Egg	Fissure	Barrel	Inverted	Taper	
						
M2	M4	M5	M6	M7	M8	

**Lathe Carbide Burs: (1/4" Shank) #303**

					
Taper	Cone	Flame	Egg	Cylinder	
A 1/2	B 1/2	C 1/2	D 1/2	E 1/2	
A 3/8	B 3/8	C 3/8	D 3/8	E 3/8	






**Titanium Nitrite Coated Carbide Burs: (HP Shank) #310**

**Coarse Diamond-Cut:** Cuts fastest for acrylics and all metals, including non-precious and chrome-cobalt. Premium Quality, Long Lasting & Non-Clogging

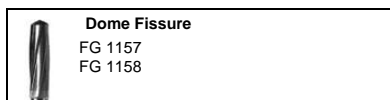
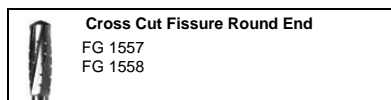
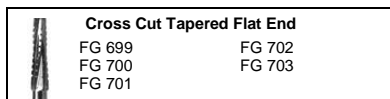
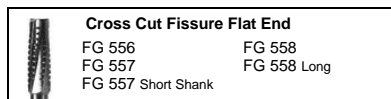
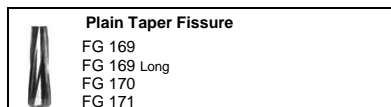
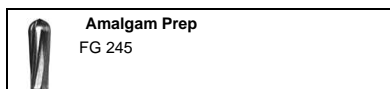
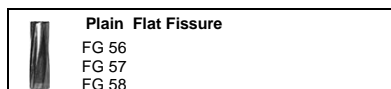
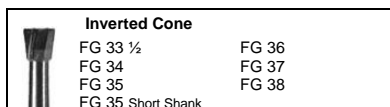
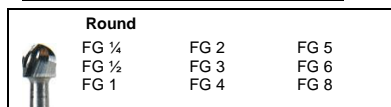
						
84T	82T	63B	53A	52D	52C	51A
Taper	Cone	Pointed	Pear	Round	Egg	Flame
						
88A	83E	81A	73C	71G	44C	31P
Barrel	Cylinder	Flame	Inverted	Inverted	Fissure	Taper

**Titanium Nitrite Coated Lathe Carbide Burs: (1/4" Shank) #313**

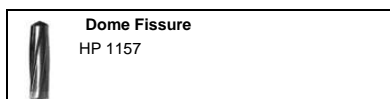
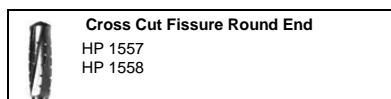
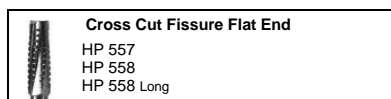
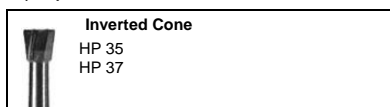
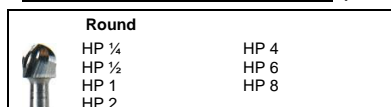
Regular Diamond-Cut

					
Taper	Cone	Flame	Egg	Cylinder	
A 1/2	B 1/2	C 1/2	D 1/2	E 1/2	
A 3/8	B 3/8	C 3/8	D 3/8	E 3/8	

**FG Shank Carbides Burs** (Pack of 10pcs) #306



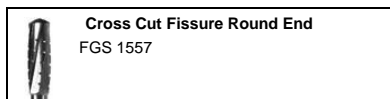
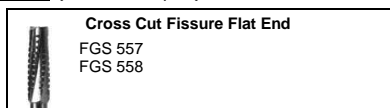
**HP Shank Carbide Burs** (Pack of 10pcs) #306



**FG Shank – Finishing Carbide Burs** (Pack of 5pcs)



**FG Shank – Surgical Carbide Burs** (Pack of 10pcs) #309





**Meta Double/Twin Pins: #401**

Precise Fitting Metal Pins & Sleeves with Rubber Caps  
Strong retention and no distortion.

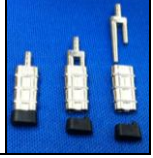
(Box of 1,000 sets)



**Master Pin II Metal: #408**

Double Twin Pin with Metal Sleeves and Rubber Caps  
Die guards for added stability

(Box of 1,000 sets)



**Master Pin II Plastic: #402**

Double Twin Pin with Plastic Sleeves and Rubber Caps  
Perfect fit without movements  
Die guards for added stability

(Box of 1,000 sets)



**Master Pin II Single: #407**

Single Dowel Pin with Plastic Sleeves and Rubber Caps  
Diamond Shape help prevent movements

(Box of 1,000 sets)



**#2 Medium Brass  
Dowel Pins: #403**



(Pack of 1,000pcs)

**#2 Medium Aluminum  
Dowel Pins: #406**



(Pack of 1,000pcs)

**#2 Medium Brass  
Stick Dowel Pins: #409**



(Pack of 100pcs or 500pcs)

**Dowel Pin Locators: #405**

(Pack of 1,000pcs)



**Rubber End Cap: #412**

(Pack of 1,000pcs)



**Reverse Dowel Pins: #404**

(Pack of 1,000pcs)



Economical  
Plastic Stabilizer

**Mandrels HP Shank:** (Pack of 12 or 100pcs)



M-303 Regular  
#312-303



M-103 #312-103  
Rubber Pts w/ hex-nuts



M-305 High Speed  
#312-305



M-105 #312-105  
Spiral Mandrel



M-300 Brass Head  
#312-300



M-122 #312-122  
Large Head Mandrel

**Carbide Drills**



#304-001

For pin setting  
(Pack of 3pcs)

**BesQual Brushes: #207**

Finest and Durable Quality



**Best Quality Ceramist Brushes**

- Holds shape and maintains fine point longer
- Excellent resistance to fraying and separation
- High flexibility
- First class quality at economical price

**Porcelain Brush Set with Cap: #208 (Set of 5pcs)**

Brush Hair protected by cap. Easy to maintain and carry



#1 - BC-002A - Staining & Glazing

#3 - BC-003A - Build-up

#5 - BC-004A - Build-up

#6 - BC-005A - Build-up

#4F - BC-006A - Paste

**#8 Kolinsky Big Brush: #208**

Moving balls inside



### **Porcelain Instrument Blade Sets:**

Three blade designs for ceramist's preference. Properly designed for sharp cut-back. Excellent Elasticity.



**M145 Blades**



**M146 Blades**

<b>A</b> <b>B</b> <b>C</b>		M145A - Blade Set #145 with A Handle <b>#565A</b>
		M145B - Blade Set #145 with B Handle <b>#565B</b>
		M145C - Blade Set #145 with C Handle <b>#565C</b>
		M146A - Blade Set #146 with A Handle <b>#566A</b>
		M146B - Blade Set #146 with B Handle <b>#566B</b>
		M146C - Blade Set #146 with C Handle <b>#566C</b>

### **Porcelain Mixing Trays:**

Makes more efficient and smoother dental porcelain. Saves time by rapidly absorbing distilled water or modeling liquid. It has moisture retention that maintains the dental porcelain on its workable state. Automatically induce mixing as soon as applied on the Metal filter.



#### **BQ-M007 #540-007**

**Three Small Tray**

**Size (mm):** (L) 320 x (D) 184 x (H) 35

**Palette Size (mm):** (L) 88 x (D) 88 x (H) 12



#### **BQ-M008 #540-008**

**Single Small Tray**

**Size (mm):** (L) 152 x (D) 115 x (H) 35

**Palette Size (mm):** (L) 88 x (D) 88 x (H) 12



#### **BQ-M009 #540-009**

**Single Large Tray**

**Size (mm):** (L) 320 x (D) 184 x (H) 35

**Palette Size (mm):** (L) 230 x (D) 130 x (H) 7

### **Honeycomb Firing Tray with Pins:**

**Size:** (D x H) 3.125" x 0.412" / 80mm x 10mm

A honeycomb is use as a platform to fire crowns and bridges; it has 4 slots for easy handling in and out of the furnace. The metal or ceramic pins are used for support.



**with 40 Metal Pins**

(Set of 2 trays) **#504-020**



**with 20 Ceramic Pins**

(Set of 2 trays) **#504-025**

### **Ceramic Firing Pegs:**

Ceramic firing pegs are use for holding crowns and bridges in a porcelain furnace.

(Pack of 12pcs Each)



**Anterior**

**#515-ANT**



**Pre-Molar**

**#515-PRE**



**Bicuspid**

**#515-BIC**



**Posterior**

**#515-POS**



**Wet Ceramic Tray: #507**

Unused porcelain can be stored and reused later. Saves porcelain and time.

**Flexible Mixing Bowls:**



**Small**  
3 1/4" dia x 2 1/4" h  
#505-S32



**Medium**  
4 1/2" dia x 2 1/4" h  
#505-M42



**Large**  
5" dia x 3 1/2" h  
#505-L53



**X-Large:**  
5 1/2" dia x 4 1/4" h  
#505-X54



**Acrylic Non-Stick Cups**

**Small:** 1 1/4" dia x 1" h #506-SM11

**Medium:** 2" dia x 1 1/2" h #506-MD21

**Large:** 2 3/4" dia x 2 1/5" h #506-LG22

**Offset Saw and Blades:**



#503-011

Chrome plated steel frame with aluminum handgrip. Use for sectioning models.

**Blade Length:** 5 inches

**Replacement Pinned Saw Blades:**



#503-012

Fits any Saw Frame that accepts 5 inches pinned blades.

(Pack of 100pcs)

**FG Bur Holder: #333**

Converts FG Shank burs to HP Shank (3/pkg)



**Mouth Checker: #528**

(3 Size/Pkg - Lip Forms)



**Dial Caliper: #513-030**

Easily operated pointer. Clear scale for easy readout. Measuring range of 0-10mm  
Rotating Scale adjustability



**TWANSON Crown Gauge:**

4 inch length stainless steel.

Metal Caliper - Pointed Tips #513-010

Wax Caliper - Rounded Tips #513-020

**Adhesive & Activators:**



**Adhesive (Cyanoacrylates)**

	1 oz	2 oz
➤ Thin for Plastic Articulators	#508-TN1	#508-TN2
➤ Medium for Dowel Pins	#508-MD1	#508-MD2
➤ Thick for Broken Metals	#508-TK1	#508-TK2
➤ Gel Type	#508-GL1	#508-GL2

**Activators**

Dries Adhesive Instantly with

Mist Spray

2 oz	#509-02
8 oz	#509-08
16 oz	#509-16

\* (16oz Refill only without Spray)



**Bristle Brush:** (Package of 12pcs or 144pcs) **#209**



Available Sizes		
#9	#11	#12
(9/16")	(11/16")	(3/4")
9SF	11SF	12SF
9SS	11SS	12SS
9XS	11XS	12XS

Bristle brushes are mounted on a HP shank; ideal for cleaning and polishing denture acrylics, cleaning inter-proximal spaces after denture deflasking, and for general laboratory polishing applications.

**Brush Wheels:**



- 6A** – 2.50 dia  
#211-250
- 6B** – 2.25 dia  
#211-225
- 6C** – 2.00 dia  
#211-200

Wooden Center, Top Quality & Long Lasting  
Used on dental lathes for cleaning & polishing applications.  
(Pack of 12pcs or 144pcs)

**Key chain:**

(Colors do not fade)



Silver	Gold
#501-010	#501-020
Great for gifts	

**Muslin Buffs:**



High quality w/ uniform stitching. Leather centered.

Mini White Muslin Buff	12/Pkg. – 1" x 16ply	#212-M116
Yellow Muslin Buff	12/Pkg. – 4" x 40ply	#212-Y440
White Muslin Buff	12/Pkg. – 3" x 30ply	#212-W330
White Muslin Buff	12/Pkg. – 4" x 30ply	#212-W430
White Muslin Buff	12/Pkg. – 4" x 40ply	#212-W440

**Felt Wheel**



High quality fine white wool felt wheels are designed for all types of polishing metals and Plastics

Size: 1" x 0.20" (25 x 5mm)

Soft	100/box #213-SF1 300/box #213-SF2
Medium	100/box #213-MD1 300/box #213-MD2

**Polishing Compounds:** (1 pound bar)



**Tripoli Fast-Cut:** #214-051 Excellent for removing scratches on metals and denture materials by fast cutting. Suggested use prior to final polishing.

**Pink High-Shine:** #214-052 Use to create high shine for denture materials. Best selling polish for acrylics.

**White High-Shine:** #214-053 Delivers high gloss with slight amount of cut. Specially recommended for metals and it works clean and dry.




**Yellow High-Shine:** #214-054 Exceptionally high lusters. Compound is recommended for final finish for all metals and denture materials.






**Plaster Nipper:** #512

**Heavy Duty – Large Jaw**  
For cutting through plaster

## Articulators:

CHROME			BRASS		
					
CROWN & BRIDGE	LOW ARCH DENTURE	HIGH ARCH DENTURE	CROWN & BRIDGE	LOW ARCH DENTURE	HIGH ARCH DENTURE
#602-CBC	#602-LAC	#602-HAC	#603-CBB	#603-LAB	#603-HAB

Magnetic Articulator	N2 Articulator
	
Small Magnetic #605-001	New Type Articulator #609-N2
	
Large Magnetic #605-002	

### Green Silicon Base Formers:

(Set of 5/box) #520-SET



[TOP: Medium full arch; Large full arch]  
[BOTTOM: Small full arch; Right & Left Quadrant]

### S-Base: #539

(Package of 10)



Ready to use; No Dowel Pin;  
Easy to use and lightweight

### BesQual Plastic Articulators:



Large

#610-PSA1

Small

#610-PSA2

Multi functional; Light Weight; Easily movable and adjustable; Made with heavy duty and durable plastic. Has all the functionality of a metal articulators

(Box of 50 Sets Each)



**Screws**

#610-PSA3

*\*Sold Separately*

### Disposable Plastic Articulator



(Package of 100sets Each)

Black Plastic Articulator: #604-BLK

White Plastic Articulator: #604-WHT

### Green Rubber Base Formers: #511

Use for Plastic Articulators



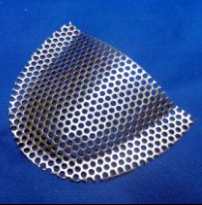
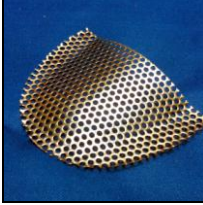


## Non Precious Metals:

			
<b>SOFT CERAMIC ALLOY</b> #601-NP31	<b>BERYLLIUM FREE</b> <b>SOFT CERAMIC ALLOY</b> #601-NP32	<b>SHOT</b> #601-NP33	<b>INGOT</b> #601-NP34

<b>High Fusing Solder</b> #601-NP35 1/32" Strip (1/2 oz Pkg.)	
<b>WELDING ROD - THIN</b> Chrome Cobalt Welding Solder #601-NP36 (1 oz Pkg.)	
<b>WELDING ROD - THICK</b> Chrome Cobalt Welding Solder #601-NP37 (1 oz Pkg.)	

## Grid Strengtheners - (Reinforcement Mesh)

	<p><b>Reinforcement Mesh - Strengtheners</b> will increase stability for complete or partial upper dentures. Acrylic dentures stay in position even when acrylic brakes or splits. It will provide considerable strength on acrylic dentures.</p> <p>(Box of 10pcs)</p>	
<b>Stainless Steel #588</b>		<b>Gold Plated #589</b>



### **Light Cure Custom Tray:** #921 (Box of 50pcs)

Ready to use, light curing tray material. It is fast and easy to handle. No more mixing powders and liquids.

Available in: Pink or Blue



### **Curing Light:** **BesQual-E300** #920

- ✓ Cures light activated composites
- ✓ Includes four 9 watts bulb
- ✓ Heavy duty and durable for long lasting use.
- ✓ Equipped with 5 and 10 minute timer
- ✓ **LxWxH:** 11" x 7.5" x 4.25"

## Resin Double Coated – CTRAYS Metal Impression Trays: #590

Adjustable, Large Hole/Perforated Resin Coated Metal Impression trays



FULL ARCH	QTY	CTRAYS
LARGE UPPER	12pcs	CTRAY-LU
LARGE LOWER	12pcs	CTRAY-LL
MEDIUM UPPER	12pcs	CTRAY-MU
MEDIUM LOWER	12pcs	CTRAY-ML
SMALL UPPER	12pcs	CTRAY-SU
SMALL LOWER	12pcs	CTRAY-SL
PARTIALS		
ANTERIOR LEFT	12pcs	CTRAY-QL
ANTERIOR RIGHT	12pcs	CTRAY-QR
ARCH UPPER	12pcs	CTRAY-BU
ARCH LOWER	12pcs	CTRAY-BL
ASSORTED PACKAGE	10pcs	CTRAY-AS

## Resin Coated – BTRAYS Metal Impression Trays: #591

Adjustable, Large Hole/Perforated Resin Coated Metal Impression trays

FULL ARCH	QTY	BTRAYS
LARGE UPPER	12pcs	BTRAY-LU
LARGE LOWER	12pcs	BTRAY-LL
MEDIUM UPPER	12pcs	BTRAY-MU
MEDIUM LOWER	12pcs	BTRAY-ML
SMALL UPPER	12pcs	BTRAY-SU
SMALL LOWER	12pcs	BTRAY-SL
PARTIALS		
ANTERIOR LEFT	12pcs	BTRAY-QL
ANTERIOR RIGHT	12pcs	BTRAY-QR
ARCH UPPER	12pcs	BTRAY-BU
ARCH LOWER	12pcs	BTRAY-BL
ASSORTED PACKAGE	10pcs	BTRAY-AS



## e-Bite: #950

Portable intraoral lighting system that will illuminate the oral cavity with no shadows. It has an **Autoclavable Silicon BiteBlocks** and rechargeable Lithium Ion battery. It is cordless and easy to use.

Complete Set includes:

- |                          |                             |
|--------------------------|-----------------------------|
| (1)-LED Light            | (1)-Large Silicon BiteBlock |
| (1)-Charging Dock/Cradle | (1)-Small Silicon BiteBlock |
| (1)-USB Cable Charger    | (1)-Insert                  |
| (1)-USB Charger Adaptor  | (1)-User Manual             |



**\*Optional Accessories Available (Sold Separately)**

- Suction Kit
- Disposable Plastic Cover (100pcs)
- Autoclavable Silicon BiteBlocks (XS; S; M; L; XL)

## Sunlight: #955

**Portable Optical Magnifier LED Lighting Unit**  
It illuminates and magnifies with the most natural color used for measuring accurate shading level for porcelain works.

It has a surface emitting Light that illuminates equally that prevents shadows. It includes 2x & 3x detachable magnifier lens with preventable shape distortion. It has three step dimmer for brightness control and USB Charger for easy charging and a 16:9 viewing rate.

Complete Set includes:

- |                       |                 |
|-----------------------|-----------------|
| (1)-Lighting Unit     | (1)-USB Charger |
| (1)-2x Magnifier Lens | (1)-User Manual |
| (1)-3x Magnifier Lens |                 |

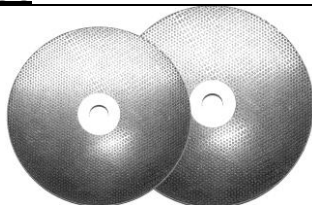


## Diamond Coated Trimmer Wheels:

With embedded diamonds, it cuts faster, smoother & quieter than a regular stones or abrasives wheels without downtime

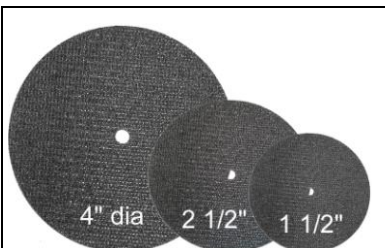
It will not bend or rust like aluminum.

Self-cleaning and it last longer than regular trimming wheels.



**10" dia.**  
#111-T10

**12" dia.**  
#111-T12



### Fibre Cut Discs: (Econo Cutters)

Shatterproof, 1/32"(0.8mm) thick reinforced discs. Cuts everything from hard metals to soft acrylics. (6pcs/pack)

**FC4:** #112-101

4"x1/32"x1/4" (101x0.8x6.3mm)

**FC2:** #112-063

2-1/2"x1/32"x1/4" (63x0.8x6.3mm)

**FC1:** #112-038

1-1/2 x0.032x1/16" (38x0.8x1.6mm)

### Silicon Carbide – Fiber Disc: #161



Reinforced flexible thin disc for cutting, grinding and separating porcelain and other hard materials.

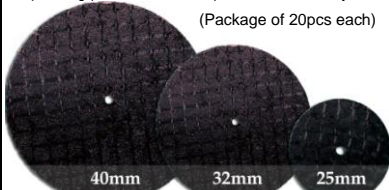
**SC222** – 22x0.2mm (20pcs)

**SC223** – 22x0.3mm (20pcs)

### Aluminum Oxide – Fiber Disc: #160

Reinforced flexible thin disc for cutting, grinding and separating precious and non-precious metal alloys.

(Package of 20pcs each)



### Diamond – Fiber Disc: #162



Reinforced flexible thin disc infused with diamond particles that prolong its cutting and grinding abilities consistently. It is use for all type of ceramics and zirconia

**DIA20** – 20x0.3mm (5pcs)

**A0407**

40x0.7mm

**A0325**

32x0.5mm

**A0253**

25x0.3mm

## Surgical Blades: #990 (Stainless Steel Blades)



10

11

12

12D

15

15C

20

21

22

23

25



**Blade Handle #3** #991  
(Fits #10-15C)



**Blade Handle #4** #992  
(Fits #20 - 25)



**Crown Boxes:**

Snap type Hinged Lid with pre-inserted foam fillers  
(Box of 1,000pcs )

**1 inch - #514-CB1**

**2 inches - #514-CB2**



**MODEL & DENTURE BOX: #530**

Securely ship models and dentures with BesQual Model Boxes. These are heavy-duty, durable and transparent plastic containers that includes three pre-inserted foam fillers for added cushion and protection.

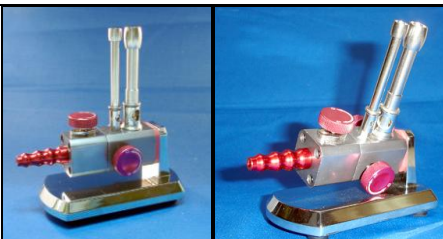
**SIZE:** LxWxH (4 x 2 .87 x 2.10 inches)



**Delivery Bags: #580**

Safely transport your merchandise. Reinforced base for more secure and stronger hold. Tin Tie Closure

**Size:** 11" x 5.5" (Box of 500pcs)



**Bunsen Burner: #555**

- All purpose propane and/or gas lab burner
- Each tube has an individual flame control for single or dual use
- It can rotate up to 30 degree angle from left to right
- Its controlling system ensures that gas or propane will never leak while working.

**Upper & Lower Flasks: #605**



**Reline Jig: #607**



**Double Flask Compress: #606**



**Single Flask Press: #608**





## BesQual Study Models



### **BQ-M1 #999**

(Transparent Adult Study Model)

Our transparent adult study model features many common dental problems, some of which are: abscess, advanced periodontitis, implants, cavity, crown, decay, gingivitis and plaque.



### **BQ-M2 #999-M2**

(Transparent Pediatric Study Model)

Our pediatric study model shows a child's dentition with permanent teeth in various stages of development. The transparency clearly shows the role of primary teeth in holding space and guiding permanent teeth into alignment.



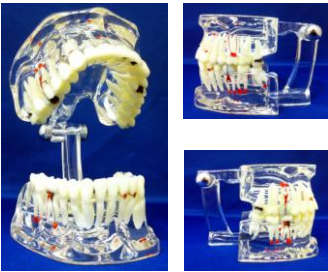
### **BQ-M3 #999-M3**

(Transparent and over-size Molar Study Model)

Detachable Crown

Implant

Cavity



### **BQ-M4 #999-M4**

(Transparent Adult Study Model)

Our transparent adult study model features many common dental problems, some of which are: abscess, advanced periodontitis, implants, cavity, crown, decay, gingivitis and plaque.

**NOSK: #995** is a comfortable and lightweight, ultra-thin dual nasal filter that instantly blocks pollen, dust, allergens, and other airborne particles from entering the body.

*Virtually Invisible • Highly Effective • Very Convenient*



### **Why use NOSK?**

**Drug Free:** NOSK provides a safe, drug free alternative to allergy or other medicines. No more pills, sprays or side effects, such as drowsiness or dry mouth. **Effective:** Reduces the inhalation of pollutants, allergens, dust and other unwanted hazardous substances. **Comfortable:** Designed by top Ear, Nose and Throat specialist, NOSK Fits comfortably in your nose, giving you the freedom to talk, and eat while providing unparalleled relief. **Invisible:** Virtually invisible to those around you, a thin translucent plastic strip holds NOSK securely in place.

(Package of 10pcs)



**Large Vibrator #901**



- AMP:** 300W  
**Fuse:** 2A  
**Weight:** 6 kg  
**Dimension:** 11" x 8.6" x 6"
- 3 Rings Capacity with 2 frequencies
  - Powerful vibration and wide tabletop offers simultaneous work for any rings.
  - Detachable tabletop for easy cleaning.

**Small Vibrator #903**



4.25" Round Top  
 Compact design with quiet motor and variable speed.

**Medium Vibrator #902**

6" x 8" Tabletop



Compact design and heavy duty with quiet motor and variable speed.

**Waxing Unit #702**



- Adjustable Heat Control
- Front panel light indicator
- 3 Compartment

**Electro Polishing Unit: BesQual-S700 #910**

Electro Polisher is used in making dentures by removing impurities on castings such as partial frame or metal base materials; fast and efficiently through electrochemistry analysis.



- It has a strong and corrosion-proof plastic body.
- The triangle stick is made of corrosion-proof titanium material and it makes electrolytes for a long time.
- A built in digital circuits makes it simple to operate and current can be easily supplied constantly.
- It has an overload protection that isolates vibrations from the unit and mail current body;
- It has a memory functions that stores (M1 and M2) - two (2) frequent combinations of an electrolytic power and time.

**Pen-Blaster: #942**



This is an Air-Pen use by Dental Technicians for cleaning crowns, frames and bridges. It is used on a hard to reach areas for more precise cleaning.

\*(Machine NOT available)\*

**Replacement Pen-Blaster Tips**



1.5mm	2.0mm
#942-15	#942-20



<b><u>Digital Wax Pot</u></b> <b>BesQual-E100 #701</b> 4 Compartment	<b><u>Wax Pot</u></b> <b>BesQual-E350 #721</b> 4 Compartment	<b><u>Digital Wax Pot</u></b> <b>BesQual-E120 #795</b> 1 Compartment
--	--	--

Easy to use and operate. Heats wax quickly and maintains in its liquid condition without any change in physical properties. Built-in digital CPU circuit to preset and maintain desired temperature accurately and precisely. Operates both in °F or °C. Built-in thermostat to accurately maintain desired temperature. Automatic heater-on indicator LED (LED turns off when preset temperature is reach).



**Digital Dipping Pot**  
**BesQual-S200 #703**

Excellent heat conductivity, lasting service life, and easy to use. Built-in memory chip to memorize the previous working temperature even after turning off power. Operates both in Celsius or Fahrenheit (°C/°F). Automatic heater-on indicator LED. (LED off when reaching the preset temperature)

**Multi Wax Pot**  
**BesQual-S800 #723**

Individual temperature setting for each pot with LCD Digital display. Built-in memory function to keep previous temperature. Operates both in Celsius or Fahrenheit (°C/°F). Built-in thermostat accurately maintain desired temperature



**Fire-Free Burner**  
**BesQual-S600 #722**

No more Alcohol or Gas burners. Portable and easy to operate. And can use immediately out of the box. Safety indicator automatically prevents carver from overheating. 5 removable cover cap included for easy clean-up. Eliminates risk of fire and getting burned



**Multi Waxer**  
**BesQual-S900 #790**

**Electric Wax Carver:** It is use to carve wax with heat instantly. Because of its digital display temperature can easily checked and accurately adjusted.

**Wax Dipping Pot:** Is ideal for melting wax quickly and it keeps its liquid condition without any change in physical properties.

**Heating Clear:** (Fire-Free Burner) Heats up metal wax instruments instantly. It is a safe alternative to Bunsen burners and open flam devices. Sensitivity can be easily adjusted as a push of a button.



### Digital Dual Wax Carver

**BesQual S500N** w/ 2 pens (6tips) **#704**

- 6 tips provides variety of usage
- Silicon grip keeps your hand comfortable
- Dual power control for separate use.
- Digitally displays temperature for accurate control
- Operates both in °F or °C
- Automatically calibrates voltages



### Digital Dual Wax Carver Touch

**BesQual S150N** w/ 2 pens (6tips) **#725**

- 6 tips provides variety of usage
- Dual Wax Carver with separate operating controls
- Maintains accurate temperature
- Ability to change temperature by a single touch
- Tip holders for easy access and cleaning
- Easy to use



### Digital Wax Carver Single

**BesQual E420** with 1 pen (2 tips) **#705**

- Silicon grip keeps the pen stay cool and comfortable usage
- Digitally displays temperature for accurate control
- Memory function stores previous working temperature
- Operates both in °F or °C
- Includes #1 & #3 tips



*\*Additional tips available separately.*

### ADDITIONAL TIPS AVAILABLE



**BesQual S542**

### Electrical Heating Tool

**BesQual-S542 (5pcs/set)** **#726**

This electrical heating tool is designed for dental milling work and it's compatible with variety of existing milling machines and surveyors  
Its tips are made of special material that features excellent heating conductivity without getting easily bent.



## **Wax Carvers & Spatulas: #706**



## **Porcelain Sculpturing Instruments:**



## Inlay Wax: (1 lb) #708-010



Favored by dental labs for the bridgework. Exceptional durability that provide cast in extremely thin sections and resists deformation from repeated handling. Easily carved out and burnout cleanly without residue

## Dipping Wax: (1 lb) #708-020



Systematically compounded for dipping the basic tooth pattern to build-up the crown. Extremely tough, durable and readily shaped to carved. Resist warping and breaking.

## Wax Patterns: (10 sheets/200 pcs)



**Molar Clasp**

#709-41



**Premolar Clasp**

#709-43



**Ring Clasp**

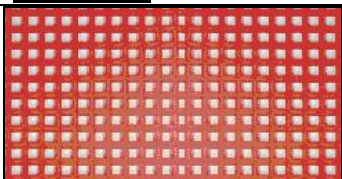
#709-44



**Bony Hard**

#709-45

## Mesh Wax: #710



Wax mesh patterns designed to provide retention in partial denture wax-ups.

## Wire Wax:



### Available Sizes:

- 06 gauge #711-06
- 08 gauge #711-08
- 10 gauge #711-10
- 12 gauge #711-12

Roll of 1/2 lb (250g)

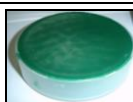


## Carving Wax #713

**Weight:** 100g (3.5oz)

**Size:** 3.82 x 0.835in.

**Color:** Blue



## Inlay Wax #715

**Weight:** 100g (3.5oz)

**Size:** 3.82 x 0.835in.

**Color:** Hard Green



## Dipping Wax #714

**Weight:** 100g (3.5oz)

**Size:** 3.82 x 0.835in.

**Color:** Yellow



## Margin Wax #716

**Weight:** 100g (3.5oz)

**Size:** 3.82 x 0.835in.

**Color:** Red

## Base Plate Wax: #712

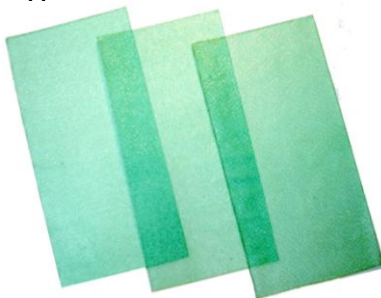


All purpose, extra tough, highly flexible, easily shaped and carves without chipping & boils out cleanly.

**Size:** 6.36 x 3.54 x 0.06in (165 x 90 x 1.5mm)

Available in box of: **1.1 lb** **5 lbs**

## Stippled Wax: #730











**Size:** 15cm x 7.5cm

(Box of 10 Sheets)

Grit	0.3mm	0.4mm	0.5mm	0.6mm
Coarse	C03	C04	C05	C06
Fine	F03	F04	F05	F06

## **Pontic Wax:** (Box of 12pcs)

			
<b>Anterior 1</b> #740-ANT1	<b>Anterior 2</b> #740-ANT2	<b>Anterior 3</b> #740-ANT3	<b>Posterior 4 – Left</b> #741-PS4L
			
<b>Posterior 1</b> #741-POS1	<b>Posterior 2</b> #741-POS2	<b>Posterior 3</b> #741-POS3	<b>Posterior 4 – Right</b> #741-PS4R

## **Pontic Wax Set:** #742-SET

Pontic Wax Set includes 10 different sizes and forms.

- Burns out clean.
- Saves time
- It's more efficient
- Reduce wax build-up
- Easy to carve



## **Boxing Wax:**

(Box of 5 lbs)

Boxing wax is used to form a box around impressions when making a cast. The boxing limits the flow of either plaster of Paris or artificial stone gypsum material.



Available Sizes:

12" x 1.50" x 0.06" (1/16") #745-B06

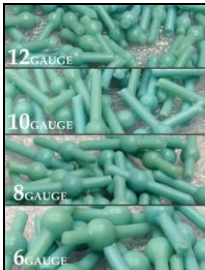
12" x 1.50" x 0.04" (1/25") #745-B04



## **Bite Block Wax:** #762

Bite Blocks are pre-shaped U blocks specifically curved to fit the model. They can easily be adapted to shape and carved with a wax knife. They are designed to mold the tooth position and are quick to use.

**Pink** (3/8in) 9mm thick  
**Box of 3 lbs**

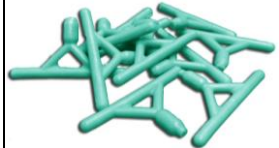


## **Casting Sprue Wax**

with Reservoir - 500pcs

Available Sizes:

- **06 gauge** #749-06
- **08 gauge** #749-08
- **10 gauge** #749-10
- **12 gauge** #749-12



## **Casting Sprue:** #748

Runner Bar

**Qty:** 50pcs/box

**Size:** 38mm x 3.60mm



## **Utility Wax:** #750

This Utility wax is very flexible at room temperature to use without heating.

**Weight:** 1 lb (424g)

**Size:** 3/16" x 12" (4.5mm x 300mm)

**Clay Crucible:**



**Slotted #718**

Non-Contaminating High Quality Clay Crucibles.

**Quartz Crucibles:**



**Hooded #719**



**Slotted #720**



**Mini-Hooded #721**

Fits any standard type or broken arm Casting Machine  
Non-contaminating



**Casting Machine: #905**

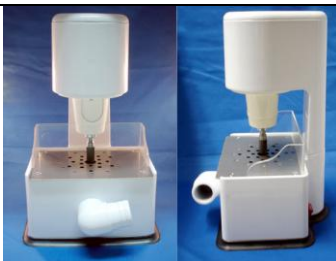
Spring-operated with a precision stainless steel cast arm and die-cast barrel

- Heavy-duty spring
- Diameter (arm): 370mm
- Height: 270mm
- Weight: 15.6 lbs



**Vacuum Former: #908**

Heavy-duty spring and latch mechanism to hold all types of thermoplastics. Compact design and Uniform heat distribution



**Model Arch Trimmer: #907**

Model Plaster Grinder  
Excellent torque for fast cutting.  
Built-in exhaust port for dust control  
Wide work table.



**BesQual LS200: #912-LS200**

High Speed Spindle  
**Speed:** 28,000rpm

**Marathon Combi Portable: #820**



**Max Speed:** 25,000rpm

Battery operated micro-motor. Compact & Durable Control Unit. Ideal for offsite/on the go job. Includes a Ni-Mh Rechargeable battery with 140 hours of work time. It has a light weight controller







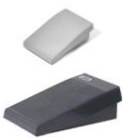


**Complete Set Includes:**

- Control Unit w/ M25E (E-Type Motor)
- On/Off Foot Control
- Handpiece Holder
- AC power adapter and cord
- Carrying Case & Waist strap pouch

## Micromotor Handpieces:

<b>SH37SN #802</b> (45,000rpm)	 <b>WEIGHT:</b> 208g
<b>H37SN1 #803</b> (40,000rpm)	 <b>WEIGHT:</b> 208g
<b>H35SP #804</b> (35,000rpm)	 <b>WEIGHT:</b> 266g
<b>H37SP #807</b> (35,000rpm) Milling Handpiece	 <b>WEIGHT:</b> 218g
<b>BM50M1 #806</b> (Brushless) 50,000rpm	 <b>WEIGHT:</b> 218g
<b>M33E #805</b> (E Type Motor only) 35,000rpm	 <b>WEIGHT:</b> 218g
<b>ES-6 #808</b> (E-Type Straight Nosecone) Autoclavable – Max. Temp.: 135°C/275°F Max. Speed: 40,000rpm	 <b>WEIGHT:</b> 52.5g

## Major Parts for Electric Micro Motors and Handpiece:

	<b>Bearings</b> <b>Brush HP</b> (830; 940; 1030; 1040; 1260; 1370; 1480zz) <b>Brushless HP</b> (814; 1360)	 <b>Collet Chucks</b> HP Shank – Ø 2.35mm HP Shank – Ø 3.00mm
 <b>Carbon Brushes</b>	<b>Carbon Brushes (Pair)</b>	 <b>Collet Sleeves</b> FG Shank – Ø 1.60mm HP Shank – Ø 2.35mm
	<b>Armature</b> Brush HP Brushless HP	 <b>Electric Cords</b> Brush HP Cord (Coiled) (SH37SN; H37SN1; H35SPN; H37SPN; M33E)
	<b>Foot Pedal</b> Marathon Champion – On/Off BesQual 2 – Variable Marathon N1 – Variable Marathon N7R – Variable Eco 1000 – Variable Multi 600 – Variable Handy 700 – Variable	 <b>Electric Cords</b> Brushless HP Cord (Straight) (BM50M1)
		 Handpiece Cradle for all H/P

*All Foot Pedal are **not** interchangeable*

*\*All other parts are available upon request*



## Marathon N1: #809

Strong torque and continuously variable speed control.  
Dual Handpiece connector operates one handpiece at a time.  
Forward and reverse switch.  
Automatic stop and reset when the circuit is overloaded.  
Feed back circuitry produces more power.  
Reduced noise, vibration or heat after long hours of operation.  
**Speed:** 2,000 to 45,000rpm (SH37SN H/P)

### Complete set includes:

- [1]-Control Box [1]-SH37S Handpiece  
[1]-Variable Foot Pedal [1]-HP Holder



Unit	Voltage / Power Source	RPM	Dimension (mm)			Weight (kg)
			W	D	H	
MN1	100 ~ 220v 50/60Hz	Handpiece Max. (H37SN1)	137	232	180	2.79

## Marathon N7R: #812

Powerful torque and continuous variable speed control.  
Built in handpiece cradle; Vertical or Horizontal style.  
Reduced heat after long hours of operation.  
Forward/Reverse direction for efficiency.  
Automatic safety overloads protection system (Reset function).  
Maximum speed Foot control function for variable rotation.  
**Speed:** 0 to 45,000rpm (SH37SN)

### Complete set includes:

- [1]-Control Box [1]-SH37SN Handpiece  
[1]-Variable Foot Control [2]-HP Cradle/Holder



Unit	Voltage / Power Source	RPM	Dimension (mm)			Weight (kg)
			W	D	H	
MNR7-110	100 ~ 120v 50/60Hz	Handpiece Max. (SH37SN1)	141	186	97	1.6
MNR7-220	200 ~ 220v 50/60Hz					

## BesQual 2: #811

Powerful torque and continuously variable speed control  
Forward & reverse switch; Foot pedal for variable speed control  
Refined design and compact size  
A built in handpiece cradle and bur stand.  
Automatic safety overload protection system  
Reduced heat after long hours of operation  
**SPEED:** 0 ~ 40,000rpm (H37SN1)

### Complete set includes:

- [1]- Control Box [1]- H37SN1 Handpiece  
[1]- Variable Foot Control [2]- HP Cradle/Holder



Unit	Voltage / Power Source	RPM	Dimension (mm)			Weight (kg)
			W	D	H	
MBQ2	100 ~ 220v 50/60Hz	Handpiece Max. (H37SN1)	137	232	180	2.79

## Marathon Champion: #814

Compact and portable size  
Variable speed by hand control & On/Off foot switch  
Forward & reverse switch  
Light weight & compact size with a built-in bur holder  
Reduced noise, vibration or heat after a long hours of operation, ensuring smooth operation  
**Speed:** 0 to 40,000rpm (H37SN1)

### Complete set includes:

- [1]- Control Box [1]- H37SN1 Handpiece  
[1]- On/Off Foot Switch [2]- HP Cradle/Holder



Unit	Voltage / Power Source	RPM	Dimension (mm)			Weight (kg)
			W	D	H	
MCHAMP	100 ~ 220v 50/60Hz	Handpiece Max. (H37SN1)	137	232	180	2.79

## Marathon Handy 700 Brushless: #815

SPEED: 1,000 ~ 50,000 rpm  
 Digital Speed Display (RPM)  
 Self diagnosis system & Error code display function  
 Auto – cruise speed function  
 Convenient magnetic bur holder  
 Maximum rotation speed display set mode  
 Variable speed control by hand dial or foot pedal  
 Built-in handpiece cradle  
 Dual control system brushless and carbon brush motor

### Complete Set Includes:

- [1] Control Box [1] Variable Foot Control  
 [1] BM50M Handpiece [2] HP Cradle/Holders

### BM50M - BRUSHLESS

MAX. TORQUE: 7.8N cm

MAX. POWER: 230W

DIMENSION: 147x24mm

WEIGHT: 210g



Unit	Voltage / Power Source	RPM (Max.)	Dimension (mm)			Weight (kg)
			W	D	H	
M700-110	100 ~ 120v 50/60Hz	Handpiece Max. (BM50M – 50,000rpm)	137	232	180	2.79
M700-220	200 ~ 240v 50/60Hz					

## Marathon Eco-1000 Brushless: #816

Maximum Torque set mode  
 Digital Speed Display (RPM)  
 Vertical & portable type  
 Auto – cruise speed function  
 Maximum rotation speed display set mode  
 Variable speed control by hand dial or foot pedal  
 Built-in handpiece cradle  
 Heat resistant handpiece cord for lasting use

### Complete set includes:

- [1]-Control Box [1]-BM50M Handpiece  
 [1]-Variable Foot Pedal [2]-HP Cradle/Holder

### BM50M - BRUSHLESS

MAX. TORQUE: 7.8N cm

MAX. POWER: 230W

DIMENSION: 147x24mm

WEIGHT: 210g



Unit	Voltage / Power Source	RPM (Max.)	Dimension (mm)			Weight (kg)
			W	D	H	
MECO-110	100 ~ 120v 50/60Hz	Handpiece Max. (BM50M – 50,000rpm)	141	186	97	1.6
MECO-220	200 ~ 240v 50/60Hz					

## Marathon Multi-600 Brushless: #817

Multi switching function: **Desktop Style** and/or **Knee Type**  
 Speed: 1,000~Max 50,000rpm  
 Low noise, Low vibration.  
 Excellent Durability.  
 Self-Diagnosis Function.  
 Error Code Display Function.  
 Auto-Cruise Function.  
 Digital Speed Display (RPM)

### Complete Set Includes:

- [1]-Control Box [1]-HP Cradle/Holder  
 [1]-BM50M H/P [1]-Knee Type Mounting Brackets  
 [1]-Variable Foot Pedal

### BM50M - BRUSHLESS

MAX. TORQUE: 7.8N cm

MAX. POWER: 230W

DIMENSION: 147x24mm

WEIGHT: 210g



Unit	Voltage / Power Source	RPM (Max)	Dimension (mm)			Weight (kg)
			W	D	H	
M600-110	100 ~ 120v 50/60Hz	Handpiece Max. (BM50M – 50,000rpm)	122	268	237	3.1
M600-220	200 ~ 240v 50/60Hz					

**High Speed Air Handpiece: #801**

**350,000 rpm** especially for laboratory use which is featured suitable for the most efficient high-speed laboratory handpiece assuring maximum dexterity when operating. This handpiece is well balanced with high torque designed to meet the demand of up – to – date dental laboratory technique of porcelain tooth, adjustment of masticating surface or occlusion and plate grinding.



This handpiece is very quiet without vibration.  
The turbine is cartridge for quick change.

**Handpiece Weight: 80g.** Made in Japan

\*\*\**(Air control kit and foot switch is not available)*\*\*\*

**AirTurbo: #880**

(High Speed Air Turbine)

Air Turbo is a high-speed laboratory handpiece with built in water coolant. It's specially designed for zirconia based ceramics and all other ceramics. Its unit water spray features eliminates heat generated during use and prevents cracks that result from excessive heat. The outer handpiece casing has a special protection mechanism that significantly reduces debris from entering into the handpiece. Result is longer turbine life and less maintenance.



**Complete Set Includes:**

High-Speed Air Handpiece with Turbine  
Control Box  
Foot Pedal



**Marathon 103: #906-103**

**Surveyor & Milling Machine**

Complete Set with handpiece holder  
Large scale and convenience  
Precise angle  
Exchangeable spindle, model table, plaster  
Movable Model Table

**Weight:** 4.86kg

**Dimension (mm):** 175(L) x 169(D) x 257(H)







**Surveyor II: #906-II**

**Surveyor & Milling Machine**

Complete Set with handpiece holder  
Precise angle  
Exchangeable spindle, model table, plaster



## Zirconia Blocks: #950

<p>Mandrel CAD/CAM</p> 	<p><b><u>Very High Translucent</u></b></p> <p>VHT20x14x15 VHT20x19x15 VHT40x14x15 VHT40x19x15 VHT55x19x15 VHT65x25x22</p> <p><b><u>High Strength</u></b></p> <p>HS20x14x15 HS20x19x15 HS40x19x15</p>				
<p>Manual Milling/Open System</p> 	<p><b><u>Very High Translucent</u></b></p> <p>VHT43x25x22 VHT52x25x22 VHT62x25x22 VHT75x36x22 VHT75x36x22 VHT87x56x22</p> <p><b><u>High Strength</u></b></p> <p>HS43x25x22</p>				
<p>CAD/CAM (Round Blocks)</p> 	<p><b><u>Very High Translucent</u></b></p> <p>VHT D95x10 VHT D95x14 VHT D95x16 VHT D95x18 VHT D95x20 VHT D95x25</p>				
<p>CAD/CAM (Round Blocks)</p> 	<p><b><u>Very High Translucent</u></b></p> <table border="1"> <tr> <td>VHT 98x10 VHT 98x12 VHT 98x14 VHT 98x16</td> <td>VHT 98x18 VHT 98x20 VHT 98x25</td> </tr> </table> <p><b><u>High Strength</u></b></p> <table border="1"> <tr> <td>HS 98x10 HS 98x12 HS 98x14 HS 98x16</td> <td>HS 98x18 HS 98x20 HS 98x25</td> </tr> </table>	VHT 98x10 VHT 98x12 VHT 98x14 VHT 98x16	VHT 98x18 VHT 98x20 VHT 98x25	HS 98x10 HS 98x12 HS 98x14 HS 98x16	HS 98x18 HS 98x20 HS 98x25
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\*Note: Other sizes are available upon request.